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PCT LEGAL ADMINISTRATION

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Send to: Office of PCT Legal Administration Attn: Shakeel Ahmed	From: Jeffrey C. Wilk
Company: USPTO	Date: June 30, 2008
Fax Number: (571) 273-0459	Phone No.: (818) 488-8148

	Reply ASAP
	Please comment
	Please review
	For your information
Total pages, including cover:	

Urgent

Comments:

Applicant: SiRF Technology, Inc.

Title: "Signal Processing System for Satellite Positioning Signals"

16

Serial No.: 10/570,833 - Attorney Docket No.: ST02042USU2 (281-US-U2)

Please acknowledge receipt of the following documents:

- 1) Response to Notification of Defective Response Mailed May 29, 2008 (2 pages);
- 2) Copy of Notification of Defective Response mailed May 29, 2008 (2 pages);
- 3) Petition Under 37 CFR § 1.47(a) (3 pages);
- 4) Statement of Mariana Paula Noli (2 pages);
- 5) Exhibits A and B (1 page each);
- 6) Request for Correction of Inventorship (2 pages);
- 7) Statement of Robert Tso (unsigned) (2 pages); and
- 8) Credit Card Payment Form in the amount of \$330.00 (1 page).

**CERTIFICATE OF TRANSMISSION** 

I hereby certify that this document (along with any papers referenced as being attached or enclosed) is being transmitted to the United States Patent and Trademark Office via facsimile to Fax No. (571) 273-0459, on the date set forth above.

Jeffrey/C. Wilk

Docket No.: ST02042USU2(281-US-U2)

10/570,833

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Paul A. Underbrink et al.

DOCKET NO.: ST02042USU2(281-US-U2)

SERIAL NO.:

10/570,833

GROUP ART UNIT: Not Yet Assigned

DATE FILED: September 2, 2004

EXAMINER: Not Yet Assigned.

CONFIRMATION NO.: 4057

TITLE:

SIGNAL PROCESSING SYSTEM FOR SATELLITE POSITIONING SIGNALS

Certificate of Transmission

I hereby certify that this document (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office,

Fax No. (571),273-8300, on June 30,2008.

Joffrey C. Wilk

Office of Petitions

Washington, D.C. 20231

Sir:

# RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

The present paper responds to the Notification of Defective Response mailed May 29, 2008 (a copy of which is enclosed herewith), which required a response within one month of the date of said Notification, which is June 29, 2008. Because June 29, 2008, falls on a Sunday, and the next succeeding business day is Monday, June 30, 2008, the present paper is believed to have been timely filed. Said Notification referred to a Decision on Petition mailed November 8, 2007, a copy of which is also enclosed herewith.

Said Decision on Petition stated three reasons for the Response to Notice of Missing requirements filed April 2, 2007 being defective. As for the first, with respect to inventor Robert

PATENT Docket No.: ST02042USU2(281-US-U2)

10/570,833

Tso, applicants are submitting a Request for Correction of Inventorship, deleting said Robert Tso as an inventor of the above-identified patent application.

As for the second reason, an improper composite declaration, applicants have attempted to obtain a corrected declaration from Charles Norman, but have not able to do so as of this date. However, because Mr. Norman has previously signed formal documents, applicants are requesting additional time before filing a Petition under 37 C.F.R. 1.74(a) as to nonsigning inventor Charles Norman. The third reason for the response being defective is that the appropriate petition for nonsigning inventor Chittharanjan Dassannacharya has not been submitted. This deficiency is remedied by the accompanying Petition under 37 C.F.R. 1.74(a).

Accordingly, applicants respectfully request that the Notice of Acceptance of Application under 35 U.S.C. 371 and 37 CFR 1.495 be given effect.

> Respectfully submitted, Paul A. Underbrink et al.

Date: \_June 30, 2008

By:

JEEPREY (2) WILK

Registration No. 42,227

Attorney for Applicants Phone: (949) 448-9410

(714) 948-8903

The Eclipse Group LLP 10605 Balboa Blvd., Suite 300 Granada Hills, CA 91344

01 FC:1463 U2 FC:1464

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#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States l'atent and Trademark Office Acdrew: COMMISSIONER FOR PATENTS P.C. Box 1-50 Alexandria, Virguia 22313-1450 www.tepbagov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/570,833

10605 BALBOA BLVD., SUITE 300

GRANADA HILLS, CA 91344

Paul A. Underbrink

ST02042USU2 (281-US-U2)

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INTERNATIONAL APPLICATION NO.

PCT/US04/28926

I.A. FILING DATE 09/02/2004

PRIORITY DATE 09/02/2003

CONFIRMATION NO. 4057 371 FORMALITIES LETTER

Date Mailed: 05/29/2008

THE ECLIPSE GROUP

#### NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 03/01/2006
- Information Disclosure Statements filed on 03/01/2006
- Oath or Declaration filed on 04/02/2007
- Copy of references cited in ISR filed on 08/22/2006
- U.S. Basic National Fees filed on 03/01/2006.
- Priority Documents filed on 03/01/2006
- Specification filed on 03/01/2006
- Claims filed on 03/01/2006
- Abstracts filed on 03/01/2006
- Drawings filed on 03/01/2006

Applicant's response filed 10/09/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 08/31/2006 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - · See decision mailed on November 08, 2007.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

: Office of PCT Lega @ 571-273-0459 From: Jeffrey C. Wilk

Pg 5/19 06/30/08 11:63 pm

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. <a href="https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html">https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html</a>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <a href="http://www.uspto.gov/ebc.">http://www.uspto.gov/ebc.</a>

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

# PCT/US2004/028926 08.11.2007



8 NOV 2007 UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. 80X 1450
ALEXANDRIA, VA 22313-1450
WWW.UD10.60V

JENNIFER H. HAMILTON THD ECLIPSE GROUP SUITE 300 10605 BALBOA BOULEVARD GRANADA HILLS, CA 91344

In re Application of Paul A. Underbrink et al.

PCT Application No.: PCT/US2004/028926

U.S. Application No.: 10/570,833 Int. Filing Date: 02 September 2004 Priority Date: 02 September 2003

Atty Docket No.: ST02042USU2 (281-US-U2)
For: SIGNAL PROCESSING SYSTEM FOR SATELLITE POSITIONING SIGNALS

DECISION

**UNDER** 

37 CFR 1.47(a)

This communication is issued in response to applicants' "Petition To Withdraw Holding of Abandonment," filed on 20 September 2007, which is being treated under 37 CFR 1.181.

## **BACKGROUND**

On 02 September 2004, Applicant filed international application PCT/US2004/028926 which claimed priority of an earlier United States application filed 02 September 2003.

The deadline for paying the basic national fee in the United States under 35 U.S.C. 371 and 37 CFR 1.495 was 02 March 2006.

On 01 March 2006, Applicant filed national stage papers with the United States Designated/Elected Office (DO/EO/US). The submission was accompanied by, *inter alia*, the basic national fee required by 35 U.S.C. 371( c )(1).

On 31 August 2006, the DO/EO/US mailed a Notification of Missing Requirements Under 35 U.S.C. 371 (Form PCT/DO/EO/905), which indicated that an oath or declaration in compliance with 37 CFR 1.497 must be filed.

On 02 April 2007, Applicant sent in petition for extension of time and response to the Notification of Missing Requirements.

On 20 August 2007, the DO/EO/US mailed a Notification of Abandonment.

On 20 August 2007, the DO/EO/US mailed Notice of Acceptance of Application Under 35 U.S.C. 371 and 37 CFR 1.495.

### PCT/US2004/028926 08.11.2007

Application No.: PCT/US05/20832

2

On 20 September 2007, Applicant filed the instant petition under 37 CFR 1.181.

#### **DISCUSSION**

A review of the application file reveals that the reply filed 02 April 2007 is present. The declaration executed by Nicholas Vantalon is proper. However, the reply filed 02 April 2007 is nevertheless defective for the following reasons. First, inventor Robert Tso is not listed as an inventor on two of the declarations. Second, one of the declarations is an improper composite declaration created by assembling pages (i.e. signature pages) from different documents into a single declaration. Third, the signature of inventor Chittharanjan Dasannacharya does not appear on any of the declarations, and an appropriate petition under 37 CFR 1.47(a) did not accompany the 02 April 2007 submission.

Because the 02 April 2007 submission was deficient for the reasons above, the Notice of Acceptance was sent in error.

#### CONCLUSION

For the reasons above, the petition under 37 CFR 1.181 is GRANTED.

The notification of Abandonment (Form PCT/DO/EO/909) mailed 20 August 2007 is hereby <u>VACATED</u>.

The Notice of Acceptance of Application Under 35 U.S.C. 371 (Form PCT/DO/EO/903) mailed 20 August 2007 is hereby <u>VACATED</u>.

This application is being forwarded to the United Stats Designated/Elected Office (DO/EO/US) for further processing in accordance with this decision, including preparation and mailing of a Notification of Defective Response (Form PCT/ DO/EO/916), which should indicate that the reply filed 02 April 2007 is deficient for the reasons set forth above.

Nini F. Legesse

PCT Detailee

Office of PCT Legal Administration

Brank

Bryan Lin

PCT Legal Examiner

Office of PCT Legal Administration

Docket No.: ST02042USU2 (281-US-U2)

10/570,833

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Underbrink et al.

DOCKET NO.: ST02042USU2 (281-US-U2)

SERIAL NO.: 10/570,833

GROUP ART UNIT: Not Yet Assigned

DATE FILED: March 1, 2004

**EXAMINER:** Not Yet Assigned

**CONFIRMATION NO.: 4057** 

TITLE:

SIGNAL PROCESSING SYSTEM FOR SATELLITE POSITIONING

**SIGNALS** 

#### **CERTIFICATE OF TRANSMISSION**

I hereby certify that this document (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300, on June 30, 2008.

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

## PETITION UNDER 37 CFR § 1.47(a)

This Petition is submitted in response to the Notification of Missing Requirements Under 35 U.S.C. in the United States Designated/Elected Office (DO/EO/US) mailed August 31, 2006 and a Notification of Defective Response mailed May 29, 2008, a copy of which is enclosed herewith. In general, this Petition seeks to have inventor Chittharanajan Dassannacharya deemed a joint inventor who cannot be found or reached after diligent effort.

Docket No.: ST02042USU2 (281-US-U2)

10/570,833

As evidenced by the letter dated April 2, 2007 (Exhibit A to the Statement of

Mariana Paula Noli submitted herewith), a complete copy of the WIPO publication of the

international application of which this case is a national stage entry in the U.S. along with

a Combined Declaration and Power of Attorney and Confirmatory Assignment Document

were mailed to CHITTHARANAJAN DASSANNACHARYA at his last known residential

addresses by certified mail, return receipt requested. Said mailing was returned as

undeliverable as evidenced by Exhibit B attached to said Statement.

Accordingly, the undersigned states inventor CHITTHARANAJAN

DASSANNACHARYA's last known residential mailing addresses is the following: C-306

ATS Greens 1, Sector 50, NOIDA, 201307, INDIA, and that as of the date of this

Petition, a Declaration signed by inventor CHITTHARANAJAN DASSANNACHARYA has not

been received by The Eclipse Group LLP.

Based on the foregoing, the undersigned requests that said CHITTHARANAJAN

DASSANNACHARYA be deemed a joint inventor who cannot be found or reached after

diligent effort and that the submitted Combined Declaration and Power of Attorney

executed by inventors (1) Paul Underbrink; (2) Henry Falk; (3) Steven Gronemeyer; (4)

2

Charles Norman; (5) Nicolas Vantalon; and (6) Vojislav Protic be accepted as a

Docket No.: ST02042USU2 (281-US-U2)

10/570,833

Declaration signed by all inventors pursuant to 35 U.S.C. §118 and Title 37, Code of Federal Regulations, §1.47(a).

Respectfully submitted, Paul Underbrink et al.

Dated: <u>June 30, 2008</u>

By

Jeffrey C. Will

Registration No. 42,227

Phone: (818) 488-8148

Fax: (814) 332-4205

The Eclipse Group LLP 10605 Balboa Blvd., Suite 300 Granada Hills, CA 91344

Docket No.: ST02042USU2 (281-US-U2)

10/570,833

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Underbrink et al.

DOCKET NO.: ST02042USU2 (281-US-U2)

SERIAL NO.:

10/570,833

GROUP ART UNIT: Not Yet Assigned

DATE FILED: March 1, 2006

EXAMINER: Not Yet Assigned

**CONFIRMATION NO.: 4057** 

TITLE:

SIGNAL PROCESSING SYSTEM FOR SATELLITE POSITIONING

SIGNALS

#### **CERTIFICATE OF TRANSMISSION**

I hereby certify that this document (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300, on June 30, 2008.

#### STATEMENT OF MARIANA PAULA NOLI

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

- I, MARIANA PAULA NOLI, submit this statement in support of the Petition under 37 CFR § 1.47(a) filed concurrently herewith.
- I am employed by The Eclipse Group LLP ("TEG"), an intellectual 1. property law firm.
- On or about April 6, 2007, I caused to be mailed to inventor CHITTHARANJAN DASSANNACHARYA, by U.S. Postal Service Certified Mail, Return Receipt Requested, a complete copy of the above-referenced application as filed

Docket No.: ST02042USU2 (281-US-U2)

10/570,833

and formal documents for his signature to his last known residential address: C-306 ATS

Greens 1, Sector 50, NOIDA, 201307, INDIA. This mailing included a complete copy of

the international application of which this case is a national stage filing in the U.S. as

published by WIPO, including the specification, claims, abstract, and drawings.

A true and correct of the letter dated April 2, 2007 accompanying the 3.

mailing to said Chittharanjan Dassannacharya is attached hereto as Exhibit A.

4. Subsequently, on or about April 12, this office received a notice from the

United States Postal Service stating the mailing could not be delivered to the addressee.

A photocopy of this U.S. Express Mail Certificate is attached here to as Exhibit B, which

states the following: "No Such Person in This Address." As of the date of this statement,

the mailing has not been returned to TEG.

As of the date of this Statement, our office has not received the signed

formal documents from said inventor Chittharanjan Dassannacharya, either by facsimile

or by first class mail nor any other communications, whether by telephone, mail, e-mail,

or facsimile, from said inventor Chittharanjan Dassannacharya.

Respectfully submitted,

Dated: \_\_\_June 30, 2008

By: /Mariana Paula Noli/

Mariana Paula Noli

Phone: (818) 488-8143

Fax: (818) 332-4205

The Eclipse Group LLP

10605 Balboa Blvd., Suite 300

Granada Hills, CA 91344

Mariana Paula Noli mpn@colipsegrp.com

10605 Balboa Blvd., Suite 300 Granada Hills, CA 91344 (818) 488-8143 Telephone (818) 332-4205 Facsimile



CHICAGO, IL

DURHAM, NC

LOS ANGELES, CA

ORANGE COUNTY, CA

AN INTELLECTUAL PROPERTY LAW FIRM

O'CONNOR CHRISTENSEN & McLaughlin Trial Division • Eclipse Intellectual Property Law Division

April 2, 2007

#### **YIA GLOBAL EXPRESS MAIL**

Chittharanjan Dassannacharya C-306 ATS Greens 1 Sector 50, NOIDA 201307 India

Re:

US Non-Provisional Patent Application No. 10/570,833

U.S. National Stage of PCT Application No. PCT/US2004/028926

Invention titled "SIGNAL PROCESSING SYSTEM FOR

SATELLITE POSITIONING SIGNALS"

The Eclipse Group Ref. No. ST02042USU2 (281-US-U2)

Subject:

Signature of Formal Documents

#### Dear Chittharanjan:

Please find enclosed with this letter the combined Declaration and Power of Attorney and Assignment document for your signature to be filed with the USPTO in the above referenced case.

I have also enclosed for your reference a complete copy of the international application of which this case is a national stage filing in the US as published by World Intellectual Property Organization which includes the specification, claims, abstract and drawings.

Thank you in advance for your time and assistance with this particular matter. As always, do not hesitate to contact me if you had any questions.

Sincerely,

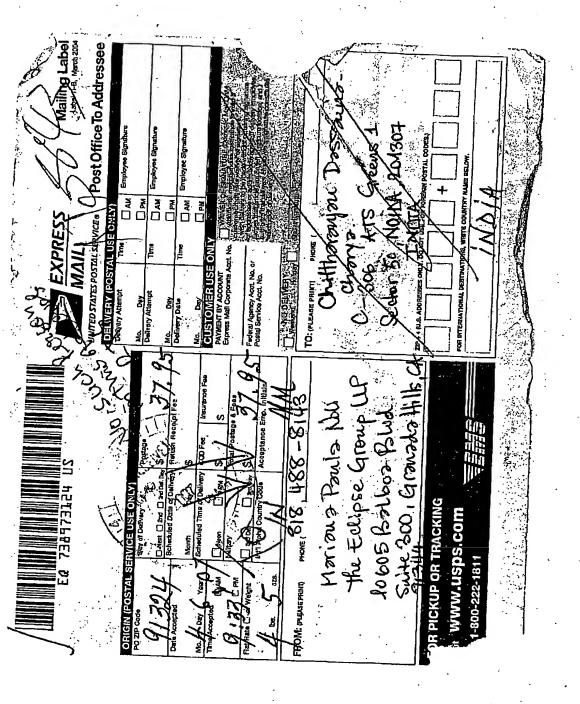
THE ECLIPSE GROUP LLP

Mariana Paula Nol

Enclosures

**Exhibit A** 





Docket No.: ST02042USU2(281-US-U2)

10/570,833

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Paul A. Underbrink et al.

DOCKET NO.: ST02042USU2(281-US-U2)

SERIAL NO.:

10/570,833

GROUP ART UNIT: Not Yet Assigned

DATE FILED: September 2, 2004

EXAMINER: Not Yet Assigned

CONFIRMATION NO.: 4057

TITLE:

SIGNAL PROCESSING SYSTEM FOR SATELLITE POSITIONING SIGNALS

Certificate of Transmission

I hereby certify that this document (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office, Fax No<sub>3</sub> (571) 273-8300, on June 30, 2008.

Office of Petitions Washington, D.C. 20231

Sir:

### REQUEST FOR CORRECTION OF INVENTORSHIP

This Request for Correction of Inventorship is made pursuant to 37 C.F.R. 1.48(a). Specifically, Robert Tso was inadvertently named as an inventor in a Combined Declaration and Power of Attorney filed in the above-identified patent application on April 2, 2007 signed by Nicolas Vantalon. Applicants wish to have Robert Tso deleted as an inventor of the aboveidentified patent application. Accordingly, this Request is being filed together with the payment of the fee required under 37 C.F.R. 1.17(i).

Robert Tso has consented to his being deleted as an inventor of the above-identified patent application and has signed a statement in the form as set forth in the attached Statement of

Docket No.: ST02042USU2(281-US-U2)

10/570,833

Robert Tso. By e-mail dated June 28, 2008, Robert Tso has advised The Eclipse Group ("TEG)

that he has signed a copy of this form and returned the signed original to the offices of TEG by

U.S. Postal Service. Upon receipt of the signed original, applicants will supplement this Request

by submitting said signed original.

As for the requirements of 37 C.F.R. 1.48(a)(5), the above-identified patent application

has been assigned to SiRF Technology, Inc., by assignment dated April 2, 2007, recorded at reel

019103, frame 0984. The undersigned, as the attorney of record for SiRF Technology, Inc., and .

named in a Power of Attorney filed in the above-identified patent application, hereby states that

said SiRF Technology, Inc., has consented to the deletion of Robert Tso as an inventor of the

above-identified patent application.

Accordingly, applicants respectfully request that Robert Tso be deleted as an inventor

upon submission of a signed copy of the attached Statement of Robert Tso.

Respectfully submitted,

Paul A. Underbrink et al.

Date: <u>June 30, 2008</u>

By:

Registration No. 42,227

Attorney for Applicants

Phone: (949) 448-9410

Fax:

(714) 948-8903

The Eclipse Group LLP

10605 Balboa Blvd., Suite 300

Granada Hills, CA 91344

Customer No. 34408

Docket No.: ST02042USU2(281-US-U2)

10/570,833

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Underbrink et al.

DOCKET NO.: ST02042USU2(281-US-U2)

SERIAL NO.: 10/570,833

GROUP ART UNIT: Not Yet Assigned

DATE FILED: September 2, 2004

EXAMINER: Not Yet Assigned

CONFIRMATION NO.: 4057

TITLE:

SIGNAL PROCESSING SYSTEM FOR SATELLITE POSITIONING

SIGNALS

Certificate of Transmission

I hereby certify that this document (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300, on \_

Mariana Paula Noli

### STATEMENT OF ROBERT TSO

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

- I, ROBERT TSO, submit this statement in support of the Request to Correct Inventorship filed concurrently herewith.
- I am one of the joint inventors named in a Combined Declaration and 1. Power of Attorney filed in the above-identified patent application on April 2, 2007.
- The inclusion of my name as an inventor in said Combined Declaration 2. and Power of Attorney was made in error, and therefore I join in the Request to Correct Inventorship filed concurrently herewith.

	FAICNI
	Docket No.: ST02042USU2(281-US-U2)
	10/570,833
3.	The foregoing inventorship error occurred without any deceptive intention
on my part.	
•	
	Respectfully submitted,
Dated:	By:
	Robert Tso
	8034 Linwalt Street
	Rosemead, CA 91770 (818) 332-4205

RX REPORT

RECEPTION OK

TX/RX NO

RECIPIENT ADDRESS

DESTINATION ID

ST. TIME

TIME USE

PGS.

RESULT

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07/01 02:59

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OK